

# [METHOD FOR HANDLING CIPHERING STATUS IN A WIRELESS NETWORK]

## Abstract of Disclosure

A mobile unit maintains a first ciphering status variable for a packet switched (PS) domain and a second ciphering status variable for circuit switched (CS) domain. When a mobile unit receives a security mode command indicating that ciphering is to be activated or deactivated for transmissions in the PS domain, the first ciphering status variable is set according to the security mode command. When the UTRAN transmits a security mode command indicating that ciphering is to be activated or deactivated for transmissions in the CS domain, the second ciphering status variable is set according to the security mode command. The mobile unit ciphers or does not cipher transmissions based on the value of the ciphering status variable corresponding to the transmission domain of the radio bearer.

## Figures